NEWBURGH

RETAIN

PROFILE S.S. "NACATA"

Built by the Merchant Shipbuilding Corporation
Harriman Pa.

Phl. 4079

RETAIN

W1392-0096

OUTBOARD PROFILE
CARGO HOLD No 5
CARGO HOLD No 4
SHAFT TUNNEL
ENGINE ROOM
BOILER ROOM
CARGO HOLD No 3
DEEP TANK
CONTS 21 TO 40
BHD ON CONTS
No 5 TO 20 ONLY
CARGO HOLD No 2
CARGO HOLD No 1
JACK STAFF
MACHINE SHOP
UPPER DECK
POOP DECK
AFT BOAT DECK
BRIDGE DECK
FOR'D BOAT DECK
NAV. BRIDGE DECK
FORECASTLE DECK
LAMP ROOM
STORES
14' BOLLARD
CHAIN STOPPER
WINDLASS
HAWSER REEL
6" GOOSENECK VENT
10" VENT
10" BOLLARD

PRINCIPAL DIMENSIONS

LENGTH OVERALL	417'-8½"
LENGTH BET. PERPS	401'-0"
BEAM MOULDED	54'-0"
DEPTH MOULDED TO UPPER DECK	32'-10"

MARK	ALTERATIONS	DATE	APPR'D.

DATE	DEPT	H.O.O.	E.O.O.	ST. KPR	M.L.	S.F.	PATN. S	FORGE S.	MACH S.	PIPE S.	S.I.S.	JOINER S	CPTR S.	PROD D.	W. MGR.	INSPT.

BLUE PRINTS.

1-28-19	EMER. FLEET CORP.	2-6-19	EMER. FLEET CORP.
DATE	SUBMITTED	DATE	APPROVED

17 TO 40

FOR CONTRACTS.

MERCHANT SHIPBUILDING CORPORATION
AGENTS.
UNITED STATES SHIPPING BOARD
EMERGENCY FLEET CORPORATION
PHILADELPHIA, PA.

GENERAL ARRANGEMENT.

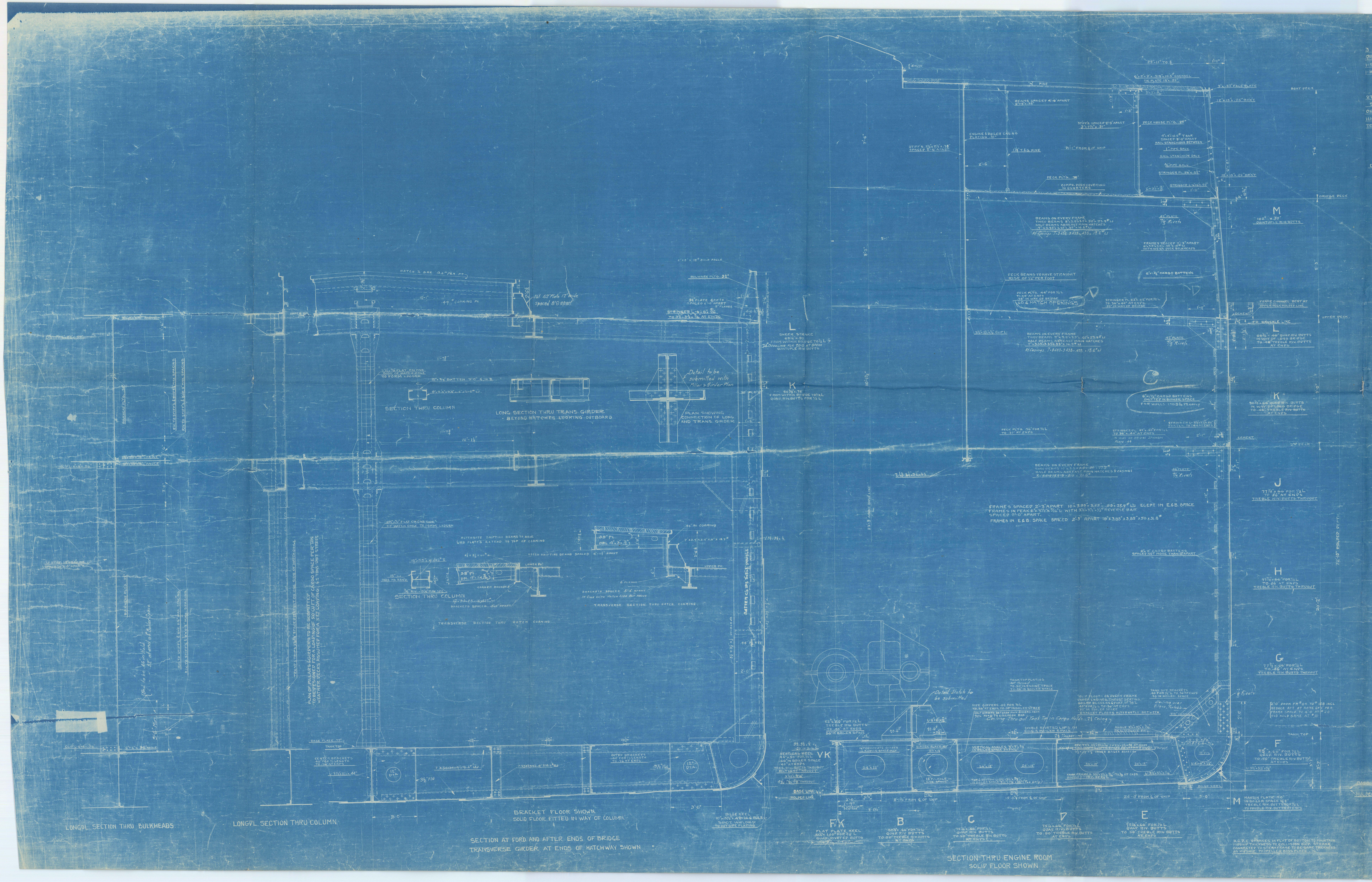
SCALE 1/8 INCH = 1 FOOT.		DATE: JANUARY 22, 1919.		
C.F.W.	D. McC. & C.F.W.		JWS	C.A.W.
DRAWN BY.	TRACED BY.	CHECKED	CHIEF DR.	NA. ARCHITECT

DR. NO. 1-6-1F

1/24/19
DATE

13.2

W1392-0096


LONGDL. SECTION THRU BULKHEADS
LONGDL. SECTION THRU COLUMN
SECTION THRU COLUMN
LONG SECTION THRU TRANS GIRDER - BEYOND HATCHES LOOKING OUTBOARD
PLAN SHOWING CONNECTION OF LONG. AND TRANS. GIRDER
Detail to be submitted with Pillar & Girder Plan
SECTION THRU COLUMN
TRANSVERSE SECTION THRU HATCH COAMING
BRACKET FLOOR SHOWN.
SOLID FLOOR FITTED IN WAY OF COLUMN.
BILGE KEEL 10"x3½"x.48x26.6 BULB L SPOT WELDED TO OUTSIDE PLATING
SECTION AT FOR'D AND AFTER ENDS OF BRIDGE
TRANSVERSE GIRDER AT ENDS OF HATCHWAY SHOWN
BOAT DECK
BRIDGE DECK
UPPER DECK
2ND DECK
25'-11" TO ℄
6"x2"x2"x.318"x10.5# CHANNEL TIE PLATE 18"x.25"
9"x.32" FACE PLATE
12"x15"x.25" BR'KT.
BEAMS SPACED 4'-6" APART 5"x3"x.38"
ENGINE & BOILER CASING PLATING .31"
STIFF'S. 3½"x2½"x.38" SPACED 2'-6" APART
1⅛" T.&G. PINE
21'-1" FROM ℄ OF SHIP
STIFF'S. SPACED 2'-3" APART 3"x2½"x.31"
DECK HOUSE PLTG. .25"
4"x4"x10.5# T BAR SPACED 9'-0" APART RAIL STANCHIONS BETWEEN
1" PIPE GALV.
RAIL STANCHION GALV.
¾" PIPE GALV.
STRINGER PL. 56"x.52"
STRINGER L-6x6x.50"
DECK PLTG. .38"
COMPO. DECK COVERING IN QUARTERS
BEAMS ON EVERY FRAME THRU BEAMS 8"x3.5x3.5x.50"x23.9# L HALF BEAMS ABREAST MAIN HATCHES 7"x3.35x3.35x.35"x16.8# L
At Casings 7x3.438x3.438x.438x18.6" L
42" PLATE
⅞ Rivets
FRAMES SPACED 2'-3" APART 6"x3.5x3.5x.35"x18# L WITH WEBS OVER BULKHEADS
6"x1½" CARGO BATTENS
DECK BEAMS TO HAVE STRAIGHT RISE OF ½" PER FOOT
DECK PLTG. .44" FOR ½L TO .34" AT ENDS .38" IN WAY OF BRIDGE
20.4 HATCH OPENINGS
STRINGER PL. 62"x.62" FOR ½L TO 36"x.44" AT ENDS .50" IN WAY OF BRIDGE
FRAME CHANNEL BENT AT UPPER DECK MOLDED LINE
M
102" x.70" QUINTUPLE RIV. BUTTS
L
K
J
H
G
F
FRAMES SPACED 2'-3" APART
CARGO BATTENS
M
MARGIN PLATE .50" IN BOILER SPACE .58" TREBLE RIV. BUTTS FOR ½L TO DOUBLE RIV. BUTTS AT ENDS
BASE LINE
MOLDED LINE
24'-0" FROM ℄ OF SHIP
15'-0⅞" FROM ℄ OF SHIP
8'-1¾" FROM ℄ OF SHIP
TANK FRAMES 3½"x3½"x7/16" TO ⅜ AT ENDS DOUBLED FOR'D. OF ⅗L
TOP & BOTTOM L-3½x3½x⅜" IN BOILER SPACE 3½"x3½"x½" (Top only)
18" DIA. HOLE IN ENG. SPACE
24"x18"
BILGE KEEL
Detail Sketch to be submitted
F.K
FLAT PLATE KEEL 51½"x1.00" FOR ⅗L QUAD. RIVETED BUTTS
B
58⅝"x.66" FOR ½L QUAD. RIV. BUTTS TO .50" TREBLE RIV. BUTTS AT ENDS
C
75¼"x.66" FOR ½L QUAD. RIV. BUTTS TO .50" TREBLE RIV. BUTTS AT ENDS
D
75¼"x.66" FOR ½L QUAD. RIV. BUTTS TO .50" TREBLE RIV. BUTTS AT ENDS
E
75¼"x.66" FOR ½L QUAD. RIV. BUTTS TO .50" TREBLE RIV. BUTTS AT ENDS
B.C.D.E. STRAKES IN FLAT OF BOTTOM TO MAINTAIN MIDSHIP THICKNESS TO COLLISION BHD. STRAKE CONNECTED TO STERNFRAME TO BE SAME THICKNESS AS MIDSHIP. PROPELLER BOSS PLATE .76"
SECTION THRU ENGINE ROOM
SOLID FLOOR SHOWN

EQUIPMENT NUMBER UNDER 37600

ANCHORS

3 BOWER ANCHORS - STOCKLESS 63¾ CWTS. (OF 112#) EACH.
OR WITH REDUCTIONS AS PER RULE - 182 CWTS TOTAL WEIGHT
1-STREAM ANCHOR - EXCLUSIVE OF STOCK 17½ CWTS (OF 112#)
1-KEDGE ANCHOR - EXCLUSIVE OF STOCK 7½ CTWS (OF 112#)

CHAIN CABLES, HAWSERS, ETC.

270 FATHOMS STUD LINK CHAIN 2¼" MIN. WT. 682 CWTS (OF 112#)
90 FATHOMS STUD LINK CHAIN 1¼" MIN. WT. 72 CWTS (OF 112#)
OR 90 FATHOMS 4¾" STEEL WIRE BREAKING STRENGTH = 47 TONS.
HAWSERS AND WARPS 2 OF 8" AND 2 OF 7" x 90 FATHOMS HEMP
TOWLINE 120 FATHOMS 5" STEEL WIRE.

LLOYDS NUMERALS.

DIMENSIONS 401'-0" x 54'-0" x 32'-10" MLD. TO UPPER DECK

BEAM	B	54.00	
DEPTH	D	32.83	
B + D	=	84.75	FIRST NUMBER (allowing for no she
LENGTH		401.00	
		~~[illegible]~~	SECOND NUMBER

LENGTH OF BRIDGE = 123'-9"
LENGTH OF POOP = 35'-9"
LENGTH OF FORECASTLE = 44'-3"

d - With Tank Side Bracket increased as indicated } = 20'-0

APPROVED	
NAME	DATE
Lloyds	22-Aug.-17
Amer. Bur. S.	21-Sep.-17
EMER FLEET CORP. ALT'C	5-27-19

CONTR. 1 TO 40

MERCHANT SHIPBUILDING CORPORATION

GENERAL CROSS SECTIONS

CONTRACT	DATE	SCALE ½" = 1 FT	DATE 12-28-17
		DRAWN BY	
		TRACED BY	W
		CHECKED BY	
		REVISED	
		APPROVED	

NAVAL ARCHITECT

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Lloyd's Register Foundation

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MIDSHIP SECTION. S.S. "NACATA"

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